

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on page 8, line 6, with the following amended paragraph:

In another aspect of the present invention, a piston assembly include: a hollow cylinder-shaped magnet sleeve having a bent portion inwardly bent at one end of a hollow space thereof and a magnet bonded on an external circumferential surface thereof; a hollow cylinder-shaped piston insertedly equipped in the hollow space of the magnet sleeve and having a fixing member-inserting hole formed in a flange part thereof; and a fixing member fusion-fixed to the magnet sleeve by an applied electric current, and functioning as a solvent-filler metal to fix the bent portion of the magnet sleeve and the flange part of the piston to each other.

Please replace the paragraph beginning on page 8, line 13, with the following amended paragraph:

In another aspect of the present invention, a piston assembly include: a hollow cylinder-shaped magnet sleeve having a bent portion inwardly bent at one end of a hollow space thereof, and a magnet bonded on an external circumferential surface thereof, the bent portion having a fixing member-inserting hole; a hollow cylinder-shaped piston insertedly equipped in the hollow space of the magnet sleeve and having a fixing member-inserting hole formed in a flange part thereof; and a fixing member fusion-fixed to the magnet sleeve by an applied electric current, and functioning as a solvent-filler metal to fix the bent portion of the magnet sleeve and the flange part of the piston to each other.

Please replace the paragraph beginning on page 13, line 8, with the following amended paragraph:

The piston assembly 600 according to a second embodiment of the present invention includes a hollow cylinder-shaped magnet sleeve 620 having a bent portion 680 inwardly bent on one end of the cylinder and from which a bolt insertion hole formed in the bent portion 680 is removed so that the bent portion 680 of the magnet sleeve 620 is fixed to the flange part 640 of the piston 630 by the fusion-fixing of a fixing member 670 by an applied electric current; the fixing member 670 fusion-fixed to the magnet sleeve 620 by applied electric current, and functioning as a solvent-filler metal to fix the bent portion 680 of the magnet sleeve 620 and the flange part 640 of the piston 630; and a piston 630 having a plurality of fixing member-inserting holes 660 formed on the flange part 640 of the piston 630, in which a fixing member 670 is contacted with the bent portion 680 of the magnet sleeve 620 when the fixing member 670 is inserted therethrough, and the fixing member 670 is fused by applied electric current, and fixed to the bent portion 680 of the magnet sleeve 620 so that the magnet sleeve 620 and the piston 630 are fixed to each other.

Please replace the paragraph beginning on page 15, line 14, with the following amended paragraph:

Referring to FIG. 8, the piston assembly 800 of a third embodiment of the present invention includes: a hollow cylinder-shaped magnet sleeve 820 having a bent portion 880 inwardly bent on one end of the cylinder, and a plurality of fixing member-inserting holes 860b on the bent portion 880 so that the bent portion 880 of the magnet sleeve 820 is fixed to the flange part 840 of the piston 830 by the fusion-fixing of a fixing member 870 by applied electric current; the fixing member 870 fusion-fixed to the magnet sleeve 820 by applied electric current, and functioning as a solvent-filler metal to fix the bent portion 880 of the magnet sleeve 820 and the flange part 840 of the piston 830; and a piston 830 having a plurality of fixing member-inserting holes 860a formed on the flange part 840 of the piston 830, in which a fixing member

870 is contacted with the fixing member-inserting hole 860b of the bent portion 880 of the magnet sleeve 820 when the fixing member 870 is inserted therethrough, and the fixing member 870 is fused by the electric current applied to the fixing member 870 and the magnet sleeve 820 so as to fix to the magnet sleeve 820 so that the magnet sleeve 820 and the piston 830 are fixed to each other.